

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2005/000197

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 F24C 7/02**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7 F24C 7/02 A01K 89/01 F16K 35/00 A61B 5/12

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
KOREAN PATENTS AND APPLICATIONS FOR INVENTIONS SINCE 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
WPI, PAJ "KNOB""DIAL""PROJECTION""GEAR"

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,629,141 (DENNIS) 16 DECEMBER 1986 abstract, fig2	1
A	US 4,012,966 (LESTER LIEBERMAN et. al) 22 MARCH 1977 see the whole document	1
A	US 6,347,784 B1 (HARTWIG et. al) 19 FEBURARY 2002 see the whole document	1

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance  
 "E" earlier application or patent but published on or after the international filing date  
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 "O" document referring to an oral disclosure, use, exhibition or other means  
 "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
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Date of the actual completion of the international search

31 MAY 2005 (31.05.2005)

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Name and mailing address of the ISA/KR



Korean Intellectual Property Office  
920 Dunsan-dong, Seo-gu, Daejeon 302-701,  
Republic of Korea

Facsimile No. 82-42-472-7140.

Authorized officer

SEO, Hawthorne

Telephone No. 82-42-481-5670

